



NITFS Compliance Registration



Product: ELT/4000
Sponsor: Overwatch System Boston Operations
Developer: Overwatch System Boston Operations

Date: 30 Nov 2009
Expiration: 29 Nov 2011
Registration #: 2071

NITFS Features Implemented:

☐ **System,** N-0105/98, §4.1.1

☒ **Product,** N-0105/98, §4.1.2

☐ **Component,** N-0105/98, §4.1.3

☐ Initial Registration
☒ Supplemental/Update #33
☐ Derived from Reg. #

Complexity Level							
NITF 2.1 CLEVEL							
		3	5	6	7		
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-Solaris 7, Solaris 8, Solaris 9, 32 and 64-bit

Format

NITF

- ☒ 2.1
- ☒ 2.0
- ☒ 1.1

NSIF

- ☒ 1.0

Annotation Segment

Types

- ☒ Bit Mapped **
- ☐ CGM 2301, Function
- ☒ CGM 2301, Description
- ☒ CGM 2301A, Function*

Text Segments

- ☒ Caption*
- ☒ Labels **
- ☒ 8S*
- ☒ NITF

Image Segment Non-

Compressed

- ☒ MONO, 1 Band
- ☐ RGB, 3 Bands
- ☒ RGB/LUT, 1 Band
- ☒ MULTI, Multiband
- ☒ NODISPLAY, 1 to Multiband Mask

Image Segment Compressed

JPEG DCT

- ☒ Band
- ☒ Band
- ☒ Multiband
- ☒ Mask

JPEG Lossless

JPEG Downsample

JPEG 2000*

- ☒ Code Stream w/o JP2
- ☒ Code Stream w/JP2
- ☒ Band
- ☒ Band RGB
- ☒ Band RGB/LUT
- ☒ Multiband
- ☒ Mask

Bi-Level

- ☒ Mask

Vector Quantization

- ☒ Mask

Data Extension Segments

- ☒ TRE_OVERFLOW*
- ☐ STREAMING_FILE_HEADER*
- ☒ Controlled Extensions **
- ☒ Registered Extensions **

Tagged Record Extensions

- ☐ - ASDE
- ☒ - CSDE
- ☒ - DIGEST GeoSDE
- ☒ - NCDRD
- ☒ - PIAE
- ☐ - RPF
- ☐ - IOMAPA
- ☒ - ICHIPB
- ☒ - BANDSB
- ☒ - HISTOA
- ☒ - J2KLRA
- ☒ - NBLOCA

Legend

Inter Gen

- ☒ Fully implemented
- ☒ Partially implemented
- ☐ Not implemented

** NITF 2.0 feature

* NITF 2.1 feature

VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.